CYBER IN SOCIETY
Building Ohio State's
Institute for Cybersecurity and Digital Trust

Why Ohio State?

With its leadership role in Ohio and the world, Ohio State is uniquely positioned to provide the research, academic and operational foundation to address cybersecurity and digital trust issues and their impacts on society. The university has over 40 faculty from five colleges researching various components of cybersecurity and to coordinate and leverage their ongoing efforts, Ohio State will launch a multidisciplinary Institute for Cybersecurity and Digital Trust. Its mission will be to:

- Foster collaboration among researchers from multiple academic disciplines – including, but not limited to computer science, electrical engineering, psychology, ethics, international studies, public policy, law, education, business, medicine and data analytics - to collaboratively develop solutions to complex cybersecurity and digital trust issues.
- Train the next generation of workers who understand these unique issues and are prepared to develop robust and effective cyber trust solutions in future products and systems. To do this, the institute will work with outside partners to develop and implement a curriculum of theoretical and practical security education, creating undergraduate and postgraduate programs.
- Partner with other educational institutions, government, military and industry to identify emerging cybersecurity issues and find ways to address those needs through research, education and collaboration.

Creating the Future

Professor Hesham El-Gamal (Chair, Department of Electrical and Computer Engineering) and Helen Patton (Ohio State's Chief Information Security Officer) will serve as interim co-directors of the institute and oversee its startup. Because of the institute's multidisciplinary approach and its focus in an area that has been identified as a strategic strength of Ohio State, the Office of Research is providing initial oversight and resourcing to help launch the institute

During its first year, the institute will:

- Engage Ohio State's research community to continue to catalogue Ohio State's unique strengths in this emerging field while aligning activities and efforts to a shared vision
- Develop a cyber range at Ohio State to provide a safe, secure environment for product development and security posture testing as well as to provide training and educational opportunities
- Developing a strategic plan for the institute that includes:
  - Research
  - Education
  - Community Engagement
  - Operations